

# FOLIO



THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

NOVEMBER 29, 1973

## Ronald Dalby, elected Chancellor

At its meeting in Red Deer on Friday, November 23, the Senate elected RONALD NORMAN DALBY, Executive Vice-President of Canadian Utilities Limited, as Chancellor of the University. Mr. Dalby succeeds LOUIS A. DESROCHERS, whose four year term as Chancellor expires next June 30.

Mr. Dalby, 44, is a native of Edmonton. He attended The University of Alberta from 1948 until 1952, when he graduated with a BSc (with distinction) in Civil Engineering. He is married and has four children, two of whom are students at the University.

As executive Vice-President of Canadian Utilities Limited, Mr. Dalby is responsible for the operations of three major utilities companies employing over 2,500 persons: Northwestern Utilities Limited, Canadian Western Natural Gas Company Limited, and Alberta Power Limited.

From October, 1972 until February, 1973, when he assumed his present position, he was Vice-President of Canadian Utilities Limited. Previously, from 1967 until 1972, he worked for I.U. International, the parent company of Canadian Utilities Limited, as Assistant Vice-President and as chief executive officer of a group of International Utilities companies in Canada and the United States. During the same period he was Vice-President and then Senior Vice-President of Northwestern Utilities Limited and Canadian Western Natural Gas Company Limited.

He began his utilities career in 1955 when he joined Northwestern Utilities as an Assistant Distribution Manager. Previously

he had been employed as a resident manager in the marketing department of Imperial Oil Limited.

Mr. Dalby is President of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta, an organization he has served in an executive capacity since 1967.

Active in community affairs, he is a director of St. Stephen's College, a charter member of Grace United Church, director of the Alberta Northwest Chamber of Mines, director of the Canadian Gas Association, past president of the Oil Capital Kiwanis Club, and past director of the Kiwanis Children's Aid Society. He was also a member of Alberta trade missions to Japan in 1963 and 1972.

Mr. Dalby is the second University Chancellor to be elected by the Senate. Previously, the Chancellor was elected by the alumni of the University.

As Chancellor, he will preside at Convocation and confer all degrees, serve as an ex officio member of the Board of Governors and ex officio Chairman of the Senate, and preside over a variety of university functions.

### GENERAL FACULTIES COUNCIL

By FOLIO Staff

A special meeting of General Faculties Council was held November 19, 1973 to discuss the Report of the Committee to Study the Role of General Faculties Council. Members considered the following recommendations. (Those recommendations marked with an asterisk [\*] were debated as motions; the results of voting appear immediately following each motion.)

1) THAT the present size of General Faculties Council remain as specified in The Universities Act, Section 32, and in General Faculties Council Minute 10 of February 3, 1971, with the exception of Recommendation 2 below.

\*2) THAT the composition of General Faculties Council be expanded to include one elected member from the Department of

Extension in addition to the Director, and three elected representatives from the academic staff of the University Library in addition to the Librarian to the University. *Carried as amended.*

3) THAT the General Faculties Council not adopt the specific parliamentary techniques of "Speaker of the House," "First and Second Reading," and "Hansard."

\*4) THAT General Faculties Council review and debate again the use of a "Question Period." *Carried.*

5) THAT General Faculties Council retain the present system of representation and election by faculties and schools to General Faculties Council.

6) THAT General Faculties Council endorse the principle that elected members not be viewed as carrying a mandate from their respective faculties, schools, and departments.

\*7) THAT General Faculties Council require its Nominating Committee to investigate ways and means of improving student election procedures and of ensuring that these elections are contested. *Defeated.*

8) THAT the President of the University continue to serve as Chairman of General Faculties Council.

\*9) THAT General Faculties Council require the Executive Committee to isolate the issues on all matters it receives and sends forward for debate. *Carried.*

10) THAT General Faculties Council continue to require the Executive Committee to act in the manner of a clearinghouse; that is, the Executive Committee should forward matters to more appropriate bodies when it sees fit, and should decline to send routine matters to Council.

\*11a) THAT General Faculties Council set up guidelines for the Executive Committee, and empower it to deal with the implementation of approved policy matters. *Carried.*

b) The Executive Committee would report at each Council meeting on the action taken, and such report be for information only. *Carried as amended.*

12) THAT General Faculties Council require its Executive Committee to continue to play an advisory role in the wording of motions sent forward to Council for debate.

\*13) THAT General Faculties Council require its Executive Committee to consider presenting contentious issues to Council in stages



Ronald  
Dalby

limiting the debate on the first occasion, following which the matter would then be tabled until the next meeting of Council. *Defeated.*

\*14) THAT General Faculties Council require the Academic Development Committee, the Campus Development Committee, the University Planning Committee, and any other committees holding delegated powers, to submit annual reports to Council, in which they examine their operations over the previous year, and state how they view their operations under the specific terms of reference that have been assigned to them by Council. *Carried.*

\*15) THAT General Faculties Council require the University Planning Committee to examine the long-term planning that is required for this University, and to bring forth recommendations as to which bodies should be responsible for this function. The University Planning Committee should review its own terms of reference and the need for the continuing existence, in their present form at least, of the other planning committees. *Carried.*

\*16) THAT General Faculties Council request all administrative departments to submit a report to Council, through the appropriate Vice-President to whom they are responsible, on all proposed changes in their operating policy, on matters which have been delegated to them but which have or may have academic implications, and which should be considered in principle by Council. *Defeated.*

17) THAT there be no change in the relation between Deans' Council and General Faculties Council, but that a periodic assessment of this relationship be made in view of possible new directions the Deans' Council may take.

\*18) THAT, except where the Executive Committee decides otherwise, the availability of minutes of all General Faculties Council committees be decided by each committee. *Carried.*

\*19) THAT General Faculties Council require its Executive Committee to study and make recommendations to reduce the proliferation of committees along the lines suggested in Section XV of this report. *Carried.*

\*20) THAT General Faculties Council establish a resource library in which all documents, files, minutes, etc. pertaining to business of Council and its committees would be stored, catalogued, and accessible. *Defeated.*

Members also approved the following action motion made by E. J. ROSE, Professor and Chairman of English:

THAT a committee whose members are elected from General Faculties Council be struck to establish guidelines for the Executive Committee.

## PRESIDENT'S REPORT TO CONVOCATION

*University President Max Wyman presented the following address to Fall Convocation, held on Saturday, November 17.*

As most of you are aware, this is my last term as President of The University of Alberta. This is a happy situation because it is possible for me to make fearless predictions, and fearsome criticisms without the natural restraint of being held responsible for the prediction and criticism that I shall make. Two years from now, no one will remember the remarks I shall make today, and even if they do, my responsibilities as President will have been ended for some time.

It is now clear that all governments, be they provincial or federal, have lost faith in their educational institutions, and are determined to make them accountable. To accomplish this end, most governments are assembling vast armies of bureaucrats, costing many millions of dollars, with the sole purpose of centralizing educational decision making within the government itself. The use of the word army is deliberate because universities must not, and shall not, willingly lose their powers of making professional decisions, and will, and should, fight a war to retain these powers. Changes are now taking place at a frightful rate without proof being offered that centralized bureaucratic decision making will be better than the decentralized form now being used. Indeed, all the evidence points the other way.

For over five years, British universities have been held accountable by the Public Accounts Committee of the House of Commons. This committee is considered to be the most powerful committee of all committees set up by the Parliament of Great Britain. After five years of careful scrutiny, the conclusion of the committee is that no serious shortcomings in the financial management of British universities were found. Indeed, British members of Parliament now seem to be satisfied that British universities are efficiently managed. In contrast, the universities of France, under strong control, are in a mess of major magnitude.

The need for strong central government control over universities should be carefully examined and resisted. It should not happen by default.

In order to illustrate the point I wish to make, let me tell you a story about efficiency, a story I read about ten years ago, a story that should now be considered as apocryphal. The language of the story has been changed to use the modern jargon that is being applied to university education.

A Department of Advanced Education that shall remain nameless, decided to study the efficiency of a particular university. It sent an efficiency expert to visit the president of that university. It so happened that the president had an extra ticket to a symphony concert to be held that evening, a concert at which Schubert's Unfinished Symphony would be played. The ticket was offered to, and accepted by, the efficiency expert.

The next day, to the surprise of the president, an analysis of the concert, written by the expert, was handed to the president. It read as follows.

(1) It was noted that the orchestra contained six oboists who remained silent for long periods of time during the playing of the symphony. This is an obvious example of overstaffing and underuse of facilities. It is recommended that their number be reduced to one, and the peak loads carried by the oboists be distributed evenly throughout the symphony. One oboist could then easily carry the distributed work-load.

(2) It was noted that the twelve violinists all played the same notes during the symphony. This is an obvious example of needless duplication. It is recommended that the twelve violinists be reduced to one, and that modern technology be used to provide additional volume, if additional volume is indeed required.

(3) It was noted that some of the instruments used by the orchestra were over 200 years old. Even a nominal rate of depreciation would yield the conclusion that these instruments are obsolete and without value. They should be destroyed and replaced by modern instruments.

(4) It was noted that large sections of the symphony were first played by the strings and then repeated by the brass. This is an obvious example of needless repetition, and such parts should be removed from the symphony.

(5) It was noted that the symphony makes use of many quarter and half notes. This is an obvious example of unnecessary refinement. It is recommended that all such notes be rounded off to the nearest full note.

If these principles are followed, the two hour symphony can be played in twenty minutes, and by following these principles, Schubert could have finished his symphony.

Although I am, of course, being facetious, the point of the story is well taken. It surely must be an axiom that important decisions should be made by those who are competent to make them. Clear lines of demarcation must be drawn to answer the question, "Who decides what?" and such lines have not yet been established. It is by no means certain where they should be.

Canada is suffering from crises of confidence. The lack of confidence the people of Quebec

# PHANTASMAGORIA

Sir Noel Paton  
from the Author.  
Sep. 25. 1871.

MARK ISRAEL, the 12-year-old son of WERNER ISRAEL, Professor of Physics, found this inscribed copy of the first edition of Lewis Carroll's *Phantasmagoria* on the open shelves of Rutherford Library and has now deposited it where it belongs, in Special Collections. Mark then commenced tracing Sir Noel Paton to whom the author had inscribed this copy and found that he was a Scottish painter (1821-1901) whose works were of a sentimental and religious nature much admired by Queen Victoria. As an avid reader of Lewis Carroll/C. L. Dodgson, however, Mark's interest was really aroused when he discovered that in 1868 Sir Joseph Noel Paton had been asked to illustrate *Through the Looking Glass*, but had refused because Carroll was such a difficult man to work with. Sir John Tenniel, the illustrator of Alice's *Adventures in Wonderland*, had cried off for the same reason, but after Carroll failed to interest any other artist, Tenniel had finally agreed to illustrate the second volume of Alice "at such spare time as I can find." The book Mark found would seem to indicate that Lewis Carroll harboured no ill feelings toward Sir Joseph. Like so many of us who find Alice and Tenniel's illustrations inseparable, he may have felt that Sir Joseph Noel Paton's refusal had been a fortunate one.

have in the people living in the other provinces is of long standing, and little has been done, either within or without that province, to bring the people of Quebec back into Confederation. Alienation is growing in the west, and the apathy of the maritimes seems difficult to change. The people of Canada have lost faith in its present federal government, and yet no other party has gained the confidence of a substantial majority of our people. Canadians have rejected their past, and have no faith in their future. This future could easily surpass a century of exceptional progress. This future could easily make Canada a model for other countries to follow.

If part of our history was correctly labelled "The Age of Reason," then I believe that the present time should be called "The Age of Criticism." As a people, we have become excessively critical. There seems to be tendency to believe that everything is wrong and nothing is right. More devastating is the current belief that nothing can be done to right the wrongs that are known to exist. We seem to believe that chronic unemployment is here to stay, and crippling inflation is a phenomenon which must be tolerated. Evils of this kind are not imposed upon us as a punishment from God. Nor are they the joys of a demonic Satan over whom we have no control. These phenomena are created by man, and what man has made man can change.

When things go wrong in the world of science, the men and women of science have the courage to re-examine their articles of faith. They retain those principles worthy of preservation, and willingly discard the principles whose truth no longer seems to apply. We must be prepared to ask questions, and be prepared for bizarre answers. Did God really decree that men and women must work? If they do not work, are they really living a life of sin? I think not. Although a society in which all goods and services are produced by machines should not be considered to be Utopian, Canadians must envisage that the realization of such a society to some degree is a distinct possibility. Unemployment might well be called leisure, and the right to a good life might well be divorced from a willingness to work in the productive sense in which the word is now used.

In our "Age of Criticism," the people of Canada have directed more criticism toward its educational institutions than has been directed toward any other institution that serves society. This criticism is already excessive, and if continued for too long it will become paralyzing.

The morale of those who work in universities has reached an all time low. We have suffered the excessive criticism of our students for about ten years, and to this torture there has been added the excessive

criticism of the society that supports us. We are filled with self-doubt, and the clarity of purpose with which we once faced the future no longer exists. Some of us yearn for a paradise that was lost long ago, and others have adopted a militancy that is born out of a will to survive. This latter phenomenon will grow in the years to come, and its outward manifestation will take the form of collective bargaining. This is an accomplished fact in elementary education, and time alone will make it a reality for higher education. Some will view this as progress, but I shall not. The adversary system has its rightful place in the courts, but the intent to make it the sole basis of decision making for all segments of society will ultimately lead to the complete balkanization of our society.

The Carnegie Commission asks the following question.

"Will higher education, weighted down by these and other crises, follow the course of the railroad industry?

"Both have been great sources of national growth—the railroad industry in the second half of the nineteenth century and higher education particularly in the middle of the

twentieth century. The railroad industry, in the face of new competitors arising out of new technologies and new public tastes, and burdened by old mentalities, old practices, old and rigid operating rules, an older and aging labor force, and restrictive government controls has declined greatly in dynamism and influence; has become a largely spent force in terms of additional national growth. The transportation segment of the economy kept on growing but the railroad industry declined within it.

"Will higher education follow a similar course and for much the same reasons? Will it decline even as post-secondary education expands, and even as the still larger knowledge sector of society grows? New competitors and new technologies also now challenge higher education, and new tastes and patterns for obtaining tertiary education likewise are emerging."

Although the Carnegie Commission believes that the fate of the railroad industry will not be the ultimate fate of higher education, I am not so sanguine. In this changed and changing world, there is no room for old mentalities, old practices, old and rigid operating rules, and restrictive government controls. There is no room for the adversary system of making decisions, among our faculties, or between this University and the government.

The obvious intent of governments to bind its universities by bureaucratic procedures, and a bureaucratic mentality, may well prevent universities from committing any wrong, but this course of action will inevitably and inescapably create a straight-jacket that will allow these important institutions to accomplish no right.

Within the university community there is much that we can do, but nothing will voluntarily be done unless we who believe in higher education are willing to acknowledge the changed and changing circumstances that now exist. Autonomy of action is an article of faith of an old mentality, an article of faith that belongs to our past. Autonomy of action may well be equivalent to inaction. Autonomy for universities may well mean a freedom to die slowly, and surely this is a freedom not worth having.

A university that continues to view itself as an island remote from the rest of society will surely die. The only chance for survival is to join the common market of other educational institutions. We cannot lead a nation that does not want to be led by us. We cannot impose a form of education upon human beings who want something else. These things may be possible under a totalitarian form of government, but they are not possible in a democracy.

Speaking for myself, I cannot detect in the

University community a willingness to accept the realities of the twentieth century as they now exist. In some I detect a spirit of doom that would allow universities to be led to the slaughter without a fight, and in others I detect a spirit of militancy that wants to erect and to man the barricades. Neither of these is the proper pathway to the future for a university to follow. Universities must follow the pattern of science. They must reconsider and re-examine their articles of faith. They must fight to preserve those principles which are necessary for their survival as institutions rendering important services to society, and must willingly discard those principles which essentially hinder those important services from being rendered. Some people who believe as I do go on to say that the university community does not have the will nor the wish to make the changes that will surely come. These people go on to add that these changes must be imposed on the university community by government agencies that are outside that community. This is something I do not believe, and feel certain that the university community will not have to be dragged, biting and scratching all the way, into the twenty-first century.

Speaking only for The University of Alberta, the University I know best, there are many things we can and should do. There are also many things we cannot do and should not be asked to do. Among our articles of faith, there are two that stand above all others. Canada as a nation and Alberta as a province, must have institutions that will educate the trained professionals who will give the services an advanced and affluent nation can rightly expect to receive. These institutions must provide a continuous flow of doctors, lawyers, engineers, teachers, and a host of other professionals to meet the demands that are generated by the people of Canada.

Since the problems of society are becoming more complex than ever before, and the need for solutions to these problems is becoming more acute than ever before, society must have institutions that will provide a continuous flow of people who can cope with and solve these problems in a reasonable time. This means that these institutions must have a capacity for research, and the capacity of teaching people how to do research. Teaching and research must remain the two major functions of some institutions.

If there is to be only one such institution in Alberta, then it must surely be The University of Alberta. If the people of Alberta decide there are to be two or more, the the people of Alberta must be prepared to bear the high costs of such institutions. It is for the people of Alberta to decide.

The University of Alberta can and should offer people an opportunity to learn in a research atmosphere. As such, it is an experience that should only be offered to adults, should be reserved for adults, and should be accessible to adults for the whole of their lives.

The concept of universal accessibility, so warmly endorsed by society during the 1960s, should not apply to an institution like The University of Alberta. If the concept mentioned above is replaced by restricting accessibility to adults, then the cost of running the University can be greatly reduced.

During my lifetime at the University, the best students I ever taught were the men and women who returned from the Second World War. These were people who interrupted their education for as much as four or five years, and yet accomplished far more than the young people who came directly from high school. For this kind of person, there is no need to require three years of an Arts or Science program before they can enter a faculty like Law. It makes no sense to keep this kind of person out of faculties like medicine and dentistry for two years, two years during which we wait for them to mature.

Our society deliberately holds young people out of the labor force by keeping them, often against their will, in educational institutions. Such a policy is a complete misuse of such institutions. Our society makes thousands of people mark time before they are allowed to do the things they really want to do. This policy costs us millions of dollars, millions of dollars for which we receive no returns.

If maturity is required, and even this can be challenged, then such people should be allowed to work or to attend an institution that is different from The University of Alberta. The shortening of the years for professional training is something a university can do, but can only be done with the help of society.

On one hand the University must realize that the affluent days of the 1960s are over, and many of the services we can provide must end. The government must help us make the people of Alberta understand that with limited resources the University has no other course of action. Although the University can do many things to cut its costs, including the establishment of quotas, it would be wrong, in my opinion, for the University to take unilateral action on important matters of this type. The people of Alberta, through their government, must help us make these important decisions.

In closing, I would like the men and women who work in the Faculties of Arts and Science to understand that I use the term professional

education in the broad rather than the narrow sense of the term. The work of these men and women is just as professional and just as important as is the work of the people in the other faculties and schools. Our development of the social sciences and the humanities must not suffer because of the other needs of the University.

## BOOKS

■ *The Business Correspondence of John McLoughlin, 1847-48*, edited with Introduction and Biographical Appendix by WILLIAM R. SAMPSON, Assistant Professor of History, has been published by the University of Washington Press (Seattle and London).

■ A translation of Sophocles' *Antigone* by R. E. BRAUN, Associate Professor of Classics, with Introduction and Commentary and with a Foreword by William Arrowsmith was published last week by Oxford University Press both in London and New York.

## PEOPLE

■ SALEEM QURESHI, Professor of Political Science, has been appointed Editorial Consultant for the journal *Canadian Review of Studies in Nationalism*.

■ ALEXANDER MATEJKO, Associate Professor of Sociology, presented a paper at the international conference arranged by the Research Committee on Sociotechnics (International Sociological Association) held in Loughborough, England. During the conference Dr. Matejko was elected to the committee. While in England Dr. Matejko also presented a paper at Balliol College, Oxford.

■ KAROL KROTKI, Professor of Sociology, assisted the World Health Organization in Geneva as consultant in the preparation of a manual for medical and para-medical personnel on the measurement of human fertility.

■ A public panel discussion on the famine zone in Africa was held on campus today, sponsored by the Department of Political Science. The panel was chaired by R. E. MC KOWN, Assistant Professor of Political Science, who is a specialist in the politics of emerging nations. Other speakers were: TERRENCE S. VEEMAN, Assistant Professor of Economics and a specialist in agricultural development and natural resource economics; C. F. BENTLEY, Professor of Soil Science with overseas experience in developing countries, especially those in semi-arid areas; and YILMA TEKLEMARIAN, a graduate student in the Department of Agricultural Economics and a citizen of Ethiopia. DAHRA HAR-GAALGA, a student in the Department of Economics, and

advisor to the Pan African Cultural Society, was moderator.

■ The world premiere of Symphony No. 1 by VIOLET ARCHER, Professor of Music, was performed by the Vancouver Chamber Orchestra conducted by John Avison in a broadcast on the Canadian Broadcasting Corporation network earlier this month. The Canadian premiere of her Tone Poem for Orchestra was given by the Atlantic Symphony of Halifax conducted by Kenneth Elloway and was also broadcast this month on the CBC network.

■ C. M. RODKIEWICZ, Professor of Mechanical Engineering, has presented the City of Edmonton with a bronze bust of Nicolaus Copernicus on behalf of the Polish community here. Mayor IVOR DENT has accepted it on behalf of the city and unveiled it at the Queen Elizabeth Planetarium last week.

■ CARL URION, Co-ordinator of Intercultural Education, Department of Educational Foundations, chaired a symposium on northern cross-cultural education sponsored by the Alaska Educational Project for Intercultural Communication at the University of Alaska at Fairbanks.

## NOTICES

### SUBMISSIONS INVITED BY COMMITTEE STUDYING STUDENT SERVICES

The Board of Governors has formed a Committee to Study Student Services, which will report back with recommendations before planning begins for the next budget year.

Committee members are: ERIC HANSON, Professor of Economics (Chairman); PETER SAVARYN, Member of the Board of Governors; GEORGE MANTOR, President of the Students' Union; and PETER FLYNN and LLOYD UNTERSCHULTZ alternating as representatives of the Graduate Students' Association.

The committee will be studying student services in terms of what is good for the University and also what the University can afford. There is no presumption by the committee that its object is to eliminate existing programs. Some of them may be phased out as a result of its findings, but new ones may well be added.

Heads of student services are now being asked to submit replies to a list of questions intended to establish the scope of their services. When these have been received, representatives of each service will meet the committee members and discuss the questions further. A questionnaire will also be circulated to a sampling of student users of these services.

The committee now invites submissions and comments from all parts of the University

community. The services concerned are: *Student Affairs*—the offices of the Provost, the Dean of Men, the Dean of Women, the Foreign Student Adviser, and the Committee on Student Affairs. *Student Counselling Service*. *University Health Service*. *Athletic Programs*—intercollegiate, intramural, and recreational. *Student Awards*. *University Ombudsman*.

Submissions and comments should be made in writing and sent to JOHN NICOL, Secretary to the Board of Governors, 3-3 University Hall as soon as possible.

### NOMINATIONS WANTED

The following notice has been received from MRS. PAT MAERTZ, Secretary to the Nominating Council of General Faculties Council.

General Faculties Council, at its meeting on November 19, 1973 agreed that a GFC committee be set up to establish guidelines for the Executive Committee. It was further agreed that the committee be composed of members of General Faculties Council.

Those members of GFC who wish to suggest nominations, or who are interested in serving on the Committee to Establish Guidelines for the Executive Committee should contact me at soon as possible at 2-1 University Hall, telephone 432-4965.

### WOMEN'S CLUB BURSARIES

The deadline for applications for University Women's Club Bursaries for Mature Women Students has been extended to December 7. Several bursaries will be given again this year. Applications should be submitted to MISS ISABEL A. MUNROE, Dean of Women, 200 Pembina Hall.

### CONTINUING UNIVERSITY EDUCATION SEMINAR

The Continuing University Education group (CUE) will be sponsoring another informal discussion on Saturday, December 1, from 10 a.m. to 1 p.m. in room 129, Education Building. Topics will be determined by adult students, who are asked to leave questions they wish to discuss (study techniques, essays and term papers, etc.) in the question box at the Newman Centre, which is in the basement of St. Joseph's College, west entrance. The seminar will be led by PAT BROWNE, Associate Professor of Elementary Education.

### BOREAL INSTITUTE DISPLAY

The Boreal Institute for Northern Studies is displaying a number of zoological specimens of skulls and skeletons of representative mammals of the Western Canadian Arctic and Subarctic. Collected and prepared by ART and SUE MARTELL of the Department of Zoology, they are displayed outside room CW401 Biological Sciences Building.



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## THIS WEEK AND NEXT

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Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

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### 29 NOVEMBER, THURSDAY

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#### Contemir Tercentenary Lecture

8 p.m. "Romania's move to independence in historical perspective" by STEPHEN FISCHER-GALATI, Professor of History, University of Colorado. Sponsored by East European and Soviet Studies, Department of History; the Department of Political Science; and the Romanian Orthodox Church of Edmonton. Henry Marshall Tory Building, room 14-6.

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### 30 NOVEMBER, FRIDAY

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#### Faculty Club

Downstairs. TGIF—Members' Appreciation Night. Hip of beef. \$2.

#### Basketball

And 1 December. 6:30 p.m. Pandas vs. University of Lethbridge Pronghorns. 8:30 p.m. Golden Bears vs. Pronghorns. Main Gymnasium.

#### Student Cinema

6:30 and 9 p.m. *The War Between Men and Women*. Students' Union Theatre. Admission: 50 cents in advance at SUB Information Desk, \$1 at the door.

#### Television North Program 'Explorations in Shakespeare'

9 p.m. "The trouble with Hamlet." Hamlet's despair and his attitude to others and his environment are explored. Cable 13.

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### 1 DECEMBER, SATURDAY

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#### Volleyball

9 a.m. to 5:30 p.m. Golden Bears and Pandas host The University of Alberta Invitational. All gymnasiums.

#### Saturday Forum

10 a.m. "Industrial democracy: the Christian standpoint" by ALEXANDER MATEJKO, Associate Professor of Sociology. Henry Marshall Tory Building, room 14-6.

#### Faculty Club

Upstairs. Regular dinner menu served 6 to 10 p.m., dancing to the Brinkman Brothers 9 p.m. until midnight. (The Soup Tureen is discontinued during December.)

#### Student Cinema

And 2 December, Sunday. 6:30 and 9 p.m. *M.A.S.H.* Students' Union Theatre. Admission: 50 cents in advance at SUB Information Desk, \$1 at the door.

#### Edmonton Symphony Orchestra

8:30 p.m. *And Sunday, 2 December at 2:30 p.m.* Conductor: PIERRE HETU; guest artist: SHURA CHERKASSKY, pianist. Sérénade, Française; Symphony No. 2 in B Flat, Schumann; Concerto for Piano and Orchestra No. 3 in D Minor, Rachmaninoff. Jubilee Auditorium.

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### 2 DECEMBER, SUNDAY

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#### Make your Own Christmas Cards

And 9 December, Sunday. 2:30 to 4 p.m. The whole family is invited to design and print Christmas cards and wrapping paper. Bring your own printing materials such as carrots, potatoes, cabbage and string. Edmonton Art Gallery, Sir Winston Churchill Square.

#### Concert

3 p.m. The University of Alberta Concert Band. Music by Bach, Strauss, and Gershwin. Students' Union Theatre. Admission \$1.

#### Newman Community Lecture Series

8 p.m. "God's word and man's hand" by MISS MARY SCHAFFER, Assistant Director of the Catholic Information Centre. A verbal, visual, and historical interpretation of the scriptures illustrated by slides. Newman Centre, St. Joseph's College, west wing. Everyone welcome.

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### 3 DECEMBER, MONDAY

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#### CKUA Radio

6:45 to 8 p.m. Extended music hour—*The Fairy Queen*, Purcell. 580 kc. - 98.1 mc.

#### Edmonton Film Society—International Series

8 p.m. *The Affair* (Japan, 1968) directed by Yoshishige Yoshida. Students' Union Theatre. Memberships available at the door.

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### 4 DECEMBER, TUESDAY

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#### CKUA Radio

6:45 p.m. Music hour—Requiem, Faure; *Peer Gynt* Suite No. 1, Grieg; *La Procession del Rocio*, Turina.

7:45 p.m. Radio talks—"Theatre review" by JOHN BILSLAND, Professor of English.

#### Public Lecture

8 p.m. "Waldorf—education for tomorrow" by ALAN HOWARD of Toronto. The first of two lectures on Rudolph Steiner's educational methods. Education Building, room 213.

#### Television North Program 'Fantastic Worlds in Children's Literature'

8:30 p.m. MURIEL WHITAKER, Assistant Professor of English, takes a closer look at the history of children's stories from Lewis Carroll to the Brothers Grimm. Cable 13.

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### 5 DECEMBER, WEDNESDAY

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#### CKUA Radio

6:45 p.m. Music hour—Quartet No. 2, Op. 36,

Britten; Concerto for Double String Orchestra, Tippett; Pastoral Concerto for the Nativity, Torelli.

7:45 p.m. Radio talks—"Scottish Eskimos?" by WILLIAM WONDERS, Professor of Geography. 10:30 p.m. A panel discussion moderated by JAMES SHAW, Associate Professor of Extension. Subject to be announced. 580 kc. - 98.1 mc.

#### Faculty Club

Wednesday at Eight presents "Christmas readings." Dessert table—cranberry steamed pudding. 75 cents.

#### Public Lecture

8 p.m. "Rudolph Steiner—a modern initiate" by ALAN HOWARD of Toronto. Education Building, room 228.

#### Promenade Concert

8:30 p.m. "A Viennese evening" with Soprano GWENLYNN LITTLE, and Tenor PIERRE DUVAL. The Edmonton Symphony Orchestra conducted by PIERRE HETU. Sponsored by du Maurier. Jubilee Auditorium. Tickets from the Bay Box Office, 424-0121, and the Symphony Box Office, 433-2020.

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### 6 DECEMBER, THURSDAY

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#### CKUA Radio

6:45 p.m. Music hour—Symphony No. 40, K.550, Mozart; Cello Concerto, Elgar. 7:45 p.m. Radio talks—"Evolution of the 19th century piano etude" by ROBERT STANGELAND, Professor and Chairman of Music. 580 kc - 98.1 mc.

#### Deafness Film Festival

7 to 9 p.m. *And 7 December, Friday, 8:30 to 10:30 a.m.* Five films on deafness developed at the Total Communication Laboratory at Western Maryland University will be shown. 218 Corbett Hall. Admission free. All interested persons are invited.

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### 7 DECEMBER, FRIDAY

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#### Graphics Film Festival

12 noon. A number of films will be shown for those interested in computer graphics and computer art and design. The films will also be useful for architects, engineers, and anyone in advertising. Dates for future seminars and discussion groups on the subject will be arranged. Sponsored by the Department of Computing Services. Physics Building, room V112.

#### World Adventure Tours

6 and 9 p.m. *Taiwan* with producer-narrator ED LARK. Jubilee Auditorium. Tickets from the Bay Box Office, 424-0121.

#### Faculty Club

Upstairs. TGIF—Members' Xmas Party. Roast goose and turkey, fruit stuffing, whipped potatoes, Brussels sprouts, Christmas salads, hot mince pie. \$3.50.

#### CKUA Radio

6:45 p.m. Music hour—music taped at various concerts at The University of Alberta.  
7:45 p.m. Radio talks—"The antiquity of mankind" by GEOFFREY SPERBER, Professor of Dentistry. 580 kc. - 98.1 mc.

#### Television North Program 'Explorations in Shakespeare'

9 p.m. "Macbeth: Nothing is but what is not." This program examines the phenomena of murder, aggression, and repression as seen in the workings of Shakespeare's characters. Cable 13.

#### Wrestling

8 p.m. And 8 December, Saturday at 10 a.m., 2 p.m., and 6 p.m. The University of Alberta Invitational. West Gymnasium.

### 8 DECEMBER, SATURDAY

#### Faculty Club

*Upstairs*. "Petit gourmet." Oyster in half shell, pumpkin soup, turkey with champagne sauce, cranberry and kumquat relish, braised parsnips and endive, Christmas pudding. \$20 per couple (includes carafe of white wine). Dinner served 6 to 10 p.m., dancing to the Brinkman Brothers 9 p.m. until midnight.

#### CKUA Radio

6:45 p.m. Music hour—*Scheherazade*, Rimsky-Korsakov; Swedish Rhapsody, Wiedman; Cornish Rhapsody, Bath.

### EXHIBITIONS AND PLAYS

#### SUB Art Gallery

7 to 14 December. "Students' Union Arts and Crafts Centre Exhibition and Sale" (ceramics, weaving, batiks, macrame, copper enamelling, painting, and fabric prints). Also "Open House" will offer explanation and demonstration of crafts and will accept registration for courses.

#### Edmonton Art Gallery

Until 2 December. "Piranesi: Vedute di Roma/Views of Rome." Etchings executed between the mid-1740s and 1778.  
Until 9 December. "The Montreal Museum Lends: II," 19th and 20th century paintings, primarily by French artists, but with some by Dutch and Spanish artists.  
Until 18 December. "J. B. Taylor: landscape paintings."

#### Latitude 53 Gallery

Until 5 December. "ROBERT SINCLAIR—watercolors" and "DIANE WHITEHOUSE—drawings." Gallery hours: Tuesday to Saturday, noon to 5 p.m.; Thursday evening, 7 to 9 p.m. 10048 101A Avenue, telephone 423-3126.

#### SUB Theatre

6, 7, and 8 December. Curtain time: 8:30 p.m. *Can We Get There By Candlelight*, a Christmas Festival with music, dance, readings, and audio effects. Sponsored by the Students' Union and du Maurier. Admission \$2 (students \$1.50). Tickets available at the Students' Union ticket desk and at all Woodward's Stores.

#### Studio Theatre

7 December and for eleven consecutive nights (except Sundays) and two Saturday matinees until Wednesday December 19. Curtain time: 8:30 p.m. evenings, 2:30 p.m. matinees. Western Canadian premiere of *Godspell*. Director: MARK SCHOENBERG, Associate Professor of Drama; designer, IARRY KADLEC, Assistant Professor of Drama; music director, GEORGE MCFETERIDGE. Corbett Hall. Admission: \$3 (students \$1.50). Tickets available from the Department of Drama, 3-146 Fine Arts Building, 432-1495 (24 hours a day).

#### Le Theatre Francais d'Edmonton

30 November and 1, 2, and 7, 8, 9 December. Curtain times: Fridays and Saturdays 8:30 p.m., Sundays 2:30 p.m. *Quatre Pièces Sur Jardin* by Barillet and Grédy. Collège Universitaire Saint-Jean auditorium, 8406 91 Street. Tickets \$2 (students \$1.25) at the door.

## GRADUATE SCHOLARSHIPS AND AWARDS

Notices regarding other awards and scholarships are posted on the bulletin board in the rotunda of the Administration Building. All enquiries should be directed to L. HENDERSON, Administrator of Student Awards, 122 Administration Building, telephone 432-3495.

#### THE ONTARIO INSTITUTE FOR STUDIES IN EDUCATION STUDENT FINANCIAL AWARDS 1974-75

*Value*: maximum of \$2,400 over a 12-month period, September 1974 to August 1975. Opportunities to earn some additional funds by assisting in the Institute's research and development program may be possible. *Where tenable*: University of Toronto, Department of Educational Theory. Graduate programs available leading to Master of Education, Master of Arts, Doctor of Education, and Doctor of Philosophy. *Qualifications*: students qualify on basis of academic ability and professional promise. Amount and type of award may vary in relation to financial need. *Closing date*: February 1, 1974. *Write to*: Office of the Coordinator of Graduate Studies, Ontario Institute for Studies in Education, 252 Bloor Street West, Toronto, M5S 1V6. *Address yourself to*: Professor STEPHEN B. LAWTON (for Departments of Computer Applications, Curriculum, Educational Administration, Educational Planning); Professor DONALD H. BRUNDAGE (for Departments of Adult Education, Sociology, in Education, Higher Education); Professor J. GLENN SCOTT (for Department of History and Philosophy of Education); Professor SABIR A. ALVI (for Departments of Applied Psychology, Measurement and Evaluation, Special Education).

#### CANADA-BRITAIN SCHOLARSHIP FOUNDATION POSTGRADUATE SCHOLARSHIP IN THE HUMANITIES AND SOCIAL SCIENCES

*Value*: one scholarship at \$3,500 a year for one year. *Where tenable*: United Kingdom, at Oxford, Cambridge, London, or at such other university as may be indicated by the nature of the studies to be followed. *Field of Study*: classics, economics, English fine arts, history, philosophy, political science, theatrical arts. *Qualifications*: five years residence in Canada, preferably under 24 years of age, and unmarried. Candidates should be in their final year of a 4-year course, or already have their degree in the field they propose to follow in the UK. *Application forms from*: Students Awards Office, 122 Administration Building, telephone 432-3495.

#### NATIONAL INSTITUTE ON MENTAL RETARDATION AWARDS FOR RESEARCH AND STUDY IN MENTAL RETARDATION

*Value*: Type A. Bursary of \$1,500 to \$2,000 for 1974-75 academic year. Type B. For study and/or research support. Up to \$3,000 for a 3-year period commencing August 1974. *Where tenable*: any Canadian university. *Field of study*: any area in mental retardation, but special consideration will be given to candidates whose studies relate to: organization dynamics; comprehensive human service system planning; current trends in programming—specifically those reflecting the concept of normalization as it relates to changing needs in human services. *Qualifications*: Type A. Pursuit of graduate studies in Canada. Type B. Students who are able to secure their own basic bursary, stipend, or other personal support, and whose selected course of study or research program would benefit from the additional orientation training and financial support. Applications may be received directly from students or from faculty on behalf of students. Applications from students will be submitted to their department for endorsement. *Closing date*: Type A. January 31, 1974. Type B. April 15, 1974. *Write to*: Awards for Research and Study in Mental Retardation, National Institute on Mental Retardation, York University Campus, 4700 Keele Street, Downsview, Ontario. Specify whether information on Type A or Type B is required.

# FOLIO

#### THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Marcy Davies, Editor

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## POSITIONS VACANT

### NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (Room 121, Administration Building) will provide further details to interested persons, who are not to approach the department directly.

Clerk Typist I (\$323-\$412)—Bookstore  
Clerk Typist II (\$354-\$453)—Computing Science; Zoology  
Clerk Steno II (\$372-\$475)—Recreation Administration  
Clerk Steno III (\$431-\$549)—University Health Services; Household Economics  
Secretary (\$499-\$637)—Non-Academic Staff Association  
Accounts Clerk II (\$475-\$606)—Office of the Comptroller  
Keypunch Operator (Temporary) (\$392-\$499)—Administrative Systems  
Keypunch Operator (\$392-\$499)—Computing Services  
Programmer I (\$549-\$701)—Psychology  
Dental Assistant (\$392-\$499)—Dentistry  
Electronics Technician I (\$549-\$701)—Technical Services; Killam Earth Sciences  
Audiovisual Technician III (\$701-\$895)—Audiovisual Media Centre  
Duplicating Equipment Operator II (\$412-\$523)—Duplicating  
Chemical Technician II (\$606-\$773)—Plant Science  
Chemical Technologist II (\$606-\$773)—Chemistry

### ACADEMIC STAFF

#### THE AUSTRALIAN NATIONAL UNIVERSITY, CANBERRA

Intending applicants should obtain further information relating to these posts from M. G. BOUGUET, Acting Academic Registrar, The Australian National University, PO Box 4, Canberra, ACT 2600.

Postdoctoral Fellows will be appointed in the following departments and units of the Research School of Physical Sciences: *Engineering Physics*. Research in high field magnets, high power lasers, macroparticle acceleration, plasma physics, solar energy conversion, information science, and artificial intelligence. *Mathematics*. No particular field of research specified. *Applied Mathematics*. Research interests in theoretical colloid science and mathematical vision research. *Diffusion Research Unit*. Studies of the liquid state using isotopic and NMR diffusion measurements. *Electron and Ion Diffusion Unit*. Working in atomic physics with particular reference to low energy electron and ion scattering. Salary range: \$A8,698-\$A11,901 per annum, plus benefits. Conditions: two-year appointments for overseas appointees. Application deadline: January 7, 1974.

A Senior Lecturer/Lecturer in Accounting will be appointed in the Faculty of Economics. *Department of Accounting and Public Finance*. Applicants should have an interest in the teaching of managerial accounting and accounting control (including auditing). Duties will be taken up as soon as possible after appointment. Salary range: senior lecturer \$A12,268-\$A14,308; lecturer \$A8,698-\$A11,982. Plus benefits. Conditions: appointment for three years in first instance with provision for re-appointment to age 65. Application deadline: January 28, 1974.

N.B. At the current rate of exchange \$A1 equals \$1.51 Canadian, approximately.

## PERSONAL NOTICES

Notices must be received by 9 a.m. the Friday prior to publication. Rate is ten cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. Minimum charge is \$1. To avoid billing, notices MUST BE PAID IN ADVANCE. For assistance or order blanks, telephone 432-4991.

### Accommodation available

FOR SALE—New three-bedroom home in Riverbend, unique design features fireplace, open stairway, front drive garage. Immediate possession. Judy Shewchuk 435-4869, residence 479-2173, Royal Trust Real Estate Division.  
FOR RENT—Male to share home in Windsor Park after December first. Rent and utilities approximately \$65. Telephone 439-4706 after five.  
FOR SALE—(1) Two-bedroom bungalow within walking distance of University. Large lot, single garage, new basement. Excellent revenue potential. Asking \$29,500. (2) Landsdowne, excellent three-bedroom bungalow with completely finished basement, two fireplaces, double garage. Many extras. Asking \$49,900. To view these lovely homes, call Shirley Way-Nee, Potter Realty, 436-3050; residence, 435-6032.  
FOR SALE BY OWNER—Parkview. Nice, older two-bedroom bungalow, 676 sq/ft. Double garage, large fenced lot. Extra bedroom in basement. Close to everything. Ten-minute drive from University. Full price \$18,000. 488-4675, 488-4551.  
FOR SALE—Two-bedroom bungalow. Very fine hardwood; fieldstone fireplace; basement very good for development; double garage. Well landscaped. 101 Street view, north skyline. \$29,600. Call Paul, 439-6316, 433-2307.  
FOR SALE—Four-bedroom, 2½-bathroom bi-level in Riverbend. Family room with fireplace. Garage 30' x 20'. Fenced and landscaped. Call Jean Buxton, Buxton Real Estate, 436-1140 or 487-1638.  
FOR RENT—Furnished three bedroom home beside University. January through June 1974. 436-3343.  
FOR RENT—Three bedroom house, two bathrooms, double garage. December 1. Family only. 452-2322.  
FOR SALE—Malmo, five minutes to University. Attractive two-storey, four-bedroom home, 1,500 sq. ft., family room, 1½% mortgage. Telephone 434-0643.  
FOR RENT—Furnished second floor suite one bedroom. \$150 per month. 10934-85 Avenue. Telephone 482-5222.  
FOR RENT—Newer two bedroom house. 10711-78 Avenue. \$220 per month. Telephone 482-5222.

### Automobiles and accessories

FOR SALE—1968 Renault four-door sedan. Forty miles per gallon; new battery and radials. Needs a little work. \$250 or offers. Telephone 446-6049, Leduc, evenings.  
FOR SALE—Red 1964 Corvair coupe. Six cylinder, standard shift, under 50,000 actual miles, excellent tires. \$300. 466-0218.  
WRECKING—1966 Austin 1800. 439-6497.  
FOR SALE—1973 Ford Galaxy, power brakes, power steering, low mileage, excellent condition. Telephone 454-2088 after 6 p.m.

### Goods and services

PET CARE—Lively, friendly terrier needs good home during owner's sabbatical or permanently. If temporary (7 mo.), we pay board. 434-6188 evenings.  
FOR SALE—Lady's size 14 dark brown mouton fur coat. Warm at 25 below. \$25. 436-6188 evenings.  
FOR SALE—Children's skis with bindings \$10 pair. Buckle boots, child's size 5, \$18. 434-6188 evenings.

FOR SALE—Zuni Indian silver and turquoise bracelet and earrings \$195. Two McBrine leather suitcases \$95, sun lamp \$9. 436-3042.

WANTED—Used crib in good condition. 452-0814.  
GOING TO EUROPE or Britain for Christmas?

With gas rationing and restrictions don't forget your Eurail or Britrail—passes. Call Iris Rosen and Associates 488-8181.

CUSTOM DRESSMAKING and designing. Telephone Jacqueline 433-4870.

FOR SALE—Dress-maker's form. Like new. Telephone 484-8581.

FOR SALE—Camera, like new. Bronica S2A. 2¼" square. SLR, 75mm lens, U.V. filter, lens hoods, Coupled-through-lens meter. Telephone Tom 433-0560, 432-4465.

ANTIQUES as Christmas gifts. An auction at the Edmonton Art Gallery of Georgian and Victorian antiques from Europe. Sale 7:30 p.m. December 5. Viewing at gallery from December 1.

NOW BOOKING—J & K Hayrides. Bonfires available. 434-3835.

SENSATIONAL—14-day trip to Australia for \$1,066—and all that—inclusive: hotels, tours and flights all over. Call Iris Rosen and Associates at 488-8181 for brochures.

PLUMBING—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 439-4670, anytime.

TYPING DONE—Fast efficient service. Georgina Barton, 429-3219 or 489-4810.

### SHANGHAI HOUSE

Mandarin restaurant, serving Chinese delicacies originally from such places as Shanghai, Peking, and Szechuen. Menu contains more than 150 items; excellent food at reasonable prices. Different combination plates for luncheon each day. Open Tuesday through Sunday; 11 a.m. - 9 p.m. weekdays, 11 a.m. - 12 p.m. weekends. 6525 111 Street, 435-7622. Try our assorted braised duck, crispy Long Island Duck, or Peking Duck three ways.

EXCURSION FARES—Coast to coast: how about those business trips, conferences, etc.? We arrange domestic bookings, i.e., Canada and the U.S., as well as international ones, and attend to flights, hotels, and car rentals. For further information call Iris Rosen and Associates at 488-8181.

OPEN HOUSE—featuring the pottery of CHARLES HILTON, Nicol Studio. Display of flower arrangements, wide variety of plants, terrariums, light stands and many other gift items. Christmas orders accepted. Coffee served. December 1 and 2, 9 a.m. to 9 p.m. The Cactus Flower House, 9520 87 Street (Strathearn Shopping Centre). 465-1111.

FOR SALE—Acoustic research amplifier and a pair of AR-2ax speakers in rosewood. Call John at 432-4080 or 482-5383 at night.

FOR SALE—Component stereo; approximate retail \$800. Offers. 439-3076.

WANTED—Secretary, Office of the Registrar, College of Physicians and Surgeons. Top shorthand and typing; fringe benefits including pension, etc. Salary to be negotiated. For appointment, Mrs. Haddow, 422-6184.

WANTED—Young woman, hairdressing student, seeks room and board in exchange for baby-sitting and housework after school hours. Experienced. Local references available. Can begin in 2-3 months. Telephone 433-6126 after 6 p.m.

FOR SALE—Console stereo, extra long double bed, B/W 19" t.v., Head skis, 432-5266, 436-2628.

FOR SALE—170 cm. Yamaha all-round II skis, with top metal edge. Like new condition. Telephone 466-8221 after 5:30 p.m.

HUB FLEA MARKET 89 avenue - 112 street, Mall level. Antiques, collectables, etc. Sunday December 2, 12-5 p.m. Free admission. Free parking. Come and bring a friend.